Index of Claims

| Application No. | Applicant(s)   |  |
|-----------------|----------------|--|
| 09/920,310      | NICOLAU ET AL. |  |
| Examiner        | Art Unit       |  |

| <b>√</b> | Rejected |
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| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
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| + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

Rebecca L Anderson

| A | Appeal   |
|---|----------|
| 0 | Objected |

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|          |  | _        |   |           |        | _        | _        | _        | _         | _         |          |           | _   |          |          |   |
|----------|--|----------|---|-----------|--------|----------|----------|----------|-----------|-----------|----------|-----------|-----|----------|----------|---|
| <u>C</u> | laim   | +        | _ |           | _      |          | _        | _[       | )a        | <u>te</u> | _        |           | _   | _        | т        | _ |
| Final    | Original                                     | - (      |   |           |        |          |          |          |           |           |          |           |     |          |          |   |
|          | 1  | 7        | 7 |           | T      |          |          | T        | _         | 1         |          |           | Ť   |          | Г        | _ |
|          | 1<br>2<br>3<br>4<br>5                        | 1        | 7 |           | 1      |          | _        | 7        | _         | T         |          |           | T   |          | T        |   |
|          | 3  | 1        | 7 |           |        |          |          | T        |           | T         | _        |           | T   |          | Г        | _ |
|          | 4  | V        |   |           | T      |          |          | T        |           | Т         | 7        |           | T   |          | Г        | ٦ |
|          | 5  | V        | 1 |           |        |          |          | 7        |           | T         | 7        |           | T   |          | -        |   |
|          | 6<br>7                                       | ٧        | Т |           | T      | 7        |          | 1        |           | T         | 7        |           | T   |          |          |   |
|          | 7  | _ √      |   |           |        | ٦        |          | T        |           | T         | T        |           | T   |          |          | ٦ |
|          | 8  | √        |   |           | L      |          |          | I        |           |           |          |           | Γ   |          |          | 7 |
|          | 9  | _   √    | L |           | L      |          |          | $\perp$  |           |           |          |           | Γ   |          |          |   |
|          | 10   | _   √    |   |           |        |          |          | ┙        |           |           | 1        |           | L   |          |          |   |
|          | 11   | _   √    | 1 |           | L      | ┙        |          | $\perp$  |           | L         | $\perp$  |           |     |          |          |   |
|          | 12   | 1        | 1 |           | L      | 4        |          | 1        |           | L         | 4        |           | L   | ┙        |          |   |
|          | 13   | 11       | 1 |           | L      | 4        |          | ↓        |           | L         | ļ        |           | L   | _        |          | 4 |
|          | 14   | 11       | 1 | _         | L      | 1        |          | 4        |           | L         | 1        |           | L   | _        |          | 1 |
|          | 15   | 11       | Ļ |           | L      | 4        |          | 4        |           | L         | 4        |           | L   | 4        |          | 1 |
|          | 16   | 1        | 1 |           | L      | 4        | _        | 1        |           | _         | 4        | _         | L   | 4        |          | 1 |
|          | 11<br>12<br>13<br>14<br>15<br>16<br>17<br>18 | N/       | + | _         | L      | 4        |          | +        | _         | <u> </u>  | 4        |           | L   | J        | _        | 4 |
|          | 18   | 1 V      | ╀ | _         | _      | +        |          | +        | _         | L         | +        |           | L   | 4        |          | 4 |
|          | 19   | 17       | ╀ |           | _      | +        | _        | ╀        | _         | <u> </u>  | +        |           | ļ., | 4        |          | 1 |
|          | 20   | 1 V      | ╀ | 4         |        | +        |          | ╀        |           | _         | +        |           | L   | 4        |          | 1 |
|          | 20<br>21<br>22<br>23<br>24<br>25             |          | ╁ | -         |        | +        |          | ╁        | _         |           | ╁        |           | H   | +        | _        | ł |
|          | 22   | 1 1/     | ╁ | -         | _      | +        | _        | +        | -         | _         | ╀        | _         |     | +        |          | ł |
|          | 24   | 1        | - | $\dashv$  |        | $^{+}$   |          | ╁        |           |           | ╁        | -         | _   | +        |          | ł |
| -        | 25   | Ì√       | H | +         | _      | +        | _        | +        | 1         | -         | +        | _         |     | $^{+}$   |          | ĺ |
|          | 26   | V        | t | ┪         |        | Ť        |          | †-       | ┪         |           | $^{+}$   | _         | _   | †        |          | 1 |
|          | 26<br>27                                     | 1        | T | 7         |        | t        | _        | t        | $\dashv$  |           | t        | 7         | _   | †        | _        | 1 |
|          | 28<br>29<br>30                               | マンマン     | T | 7         | _      | T        |          |          | 7         |           | †        |           |     | Ť        |          | 1 |
|          | 29   | 1        | Γ | 7         |        | T        |          |          | 7         | _         | T        |           |     | 1        |          | 1 |
|          | 30   | N        |   |           |        | T        |          | Γ        |           |           | T        |           | _   | Ţ        |          | ١ |
|          | 31   | N        |   |           |        |          |          |          |           |           | Ι        |           |     | T        |          |   |
| [        | 32   | N        | L | 1         |        | L        | _        | L        |           |           |          |           |     | I        |          |   |
|          | 33   | N        | L | 1         |        | L        | _        | L        | 1         |           |          |           |     | L        |          |   |
|          | 34   |          |   | 4         |        | L        | _        | L        | 4         | _         | L        | $\perp$   |     | L        |          |   |
|          | 35   | _        | _ | 4         |        | L        |          | Ĺ        | 4         |           | L        | 4         |     | L        |          |   |
|          | 36   |          |   | 4         |        | Ļ        | _        | L        | 4         |           | L        | 1         |     | Ļ        | _        |   |
|          | 37   | Н        |   | +         |        | L        | _        | ļ        | 4         |           | ↓_       | 4         |     | L        | 4        |   |
|          | 38   | Н        |   | +         |        | -        | _        |          | +         |           | L        | 4         |     | -        |          |   |
|          | 39   |          |   | +         |        | ┝        | -        | <u> </u> | +         |           | H        | +         |     | ┞        | ⊣        |   |
| -        | 41   | $\vdash$ | - | +         |        | $\vdash$ | +        | _        | +         |           | $\vdash$ | +         |     | ╁        | $\dashv$ |   |
| $\dashv$ | 42   | $\vdash$ |   | +         |        | $\vdash$ | -        | _        | +         | _         | $\vdash$ | +         |     | +        | $\dashv$ |   |
| _        | 43   | $\dashv$ |   | $\dagger$ |        | H        | $\dashv$ |          | $\dagger$ |           | $\vdash$ | $\dagger$ |     | $\vdash$ | $\dashv$ |   |
|          | 44   | $\neg$   |   | t         | _      | H        | 7        |          | $\dagger$ |           | Н        | $\dagger$ |     | 卜        | $\dashv$ |   |
|          | 45   | 1        |   | t         |        | Н        | 1        |          | †         | _         |          | +         | _   | H        | $\dashv$ |   |
| $\neg$   | 46   |          |   | †         | _      | Г        | 1        |          | Ť         |           | _        | +         |     | Γ        | 7        |   |
| $\neg$   | 47   | $\neg$   | _ | Ť         |        |          | 7        | -        | Ť         |           |          | Ť         | _   | Г        | ٦        |   |
|          | 48   |          |   | Ī         |        |          | 1        |          | Ī         |           | _        | T         |     | Г        | ٦        |   |
|          | 49   | J        |   | Γ         | J      |          | 1        | _        | Ī         |           |          | 1         | T   |          |          |   |
| -        | EΛ   |          |   | Т         | $\neg$ |          | 7        |          | _         | -1        | _        | +         |     | _        | $\dashv$ |   |

|             | Claim          |   |              |              |           |          | _            | _        |          |          | _         |          |          |
|-------------|----------------|---|--------------|--------------|-----------|----------|--------------|----------|----------|----------|-----------|----------|----------|
| Cl          | Claim          |   | _            |              |           | _        | ַ            | at)      | e        | _        |           | _        |          |
| Final       | Original       |   |              |              |           |          |              |          |          |          |           |          |          |
|             | 1              |   |              |              |           |          |              |          |          |          |           |          |          |
| L           | 51<br>52<br>53 | L   | 1            |              |           | L        | _            |          | L        | L        | $oxed{I}$ |          | L        |
|             | 52             |   | L            | ┙            | _         | L        | $\perp$      |          |          |          | $\perp$   | _        | L        |
|             | 53             |   | L            | _            |           | L        | $\downarrow$ |          | L        | ⊥        | $\perp$   |          | L        |
|             | 54<br>55       |   | L            | 4            |           | ┖        | _            |          |          | $\perp$  | $\perp$   | _        | L        |
| <u> </u>    | 55             |   | L            | 1            |           | L        | 4            |          |          | L        |           | _        | L        |
|             | 56             | _   | L            | _            |           | L        | $\perp$      |          |          | L        | $\perp$   | _        | L        |
| ļ           | 57             |   | ╄            | 4            |           | L        | 4            |          | _        | L        | 4         | _        | L        |
|             | 58             |   | L            | 4            |           | L        | 4            |          |          | L        | 4         | _        | L        |
|             | 59             |   | ╀            | 4            |           | Ļ        | 4            | _        |          | ╀        | 4         |          | Ļ        |
|             | 60             |   | ⊢            | +            |           | ┞        | +            | -        |          | ـ        | +         |          | ┡        |
|             | 61<br>62       |   | ⊢            | +            |           | H        | +            | -        |          | -        | +         |          | -        |
| -           | 63             |   | ⊬            | +            |           | ┝        | +            | 4        |          | ┼-       | +         |          | ┝        |
| -           | 64             | _   | ┨            | +            |           | $\vdash$ | +            | -        |          | ┢        | +         |          | -        |
|             | 65             |   | H            | ╁            |           | H        | +            | $\dashv$ |          | ╀        | +         |          | H        |
| -           | 66             |   | $\vdash$     | +            | _         | ┝        | +            | -        | _        | ╁        | ╁         | -        |          |
|             | 67             | _   | <del> </del> | +            |           | H        |              | +        | _        | ┝        | ╁         | _        | -        |
|             | 68             |   | -            | $^{+}$       |           | ┝        | +            | +        |          | ┝        | +         | _        |          |
|             | 69             | _   | -            | $^{\dagger}$ |           |          | +            | ┪        |          | t        | $\dagger$ | ٦        | _        |
|             | 70             |   |              | $^{\dagger}$ |           |          | $\dagger$    | 7        |          | T        | +         | ┪        | _        |
|             | 71             |   |              | 1            |           |          | 1            | 1        |          |          | Ť         | 7        |          |
|             | 72             |   |              | 1            | T         |          | T            | T        | _        | Г        | T         | 7        |          |
|             | 72<br>73       |   |              | T            |           |          | T            | T        |          |          | T         | 7        | _        |
|             | 74             |   |              | Ι            |           |          |              | I        |          |          |           | 1        |          |
|             | 75<br>76       |   |              | L            |           |          | $\perp$      |          |          |          | L         |          | _        |
|             | 76             | 4   | _            | ╀            | _         |          | $\perp$      | 4        |          |          | $\perp$   | 4        |          |
| $\vdash$    | 77             | 4   |              | 1            | 4         |          | ╀            | 4        |          |          | L         | 4        |          |
| $\vdash$    | 78             | -   |              | ╀-           | 4         |          | ╀            | 4        | _        | _        | 1         | 4        | _        |
| $\vdash$    | 79             | 4   |              | Ļ            | 4         |          | +            | +        |          | _        | ╀         | 4        |          |
| <del></del> | 80<br>81       | $\dashv$  |              | ╀            | +         |          | +-           | +        | 4        | _        | ╀         | +        |          |
| $\vdash$    | 82             | $\dashv$  |              | ╀            | +         |          | ╀            | +        |          |          | ╀         | +        |          |
| <del></del> | 83             | +   |              | ╁            | +         |          | ╁            | +        | -        |          | ╀         | +        |          |
| $\vdash$    | 84             | +   |              | +            | +         |          | $\vdash$     | +        | +        |          | $\vdash$  | +        | _        |
|             | 85             | +   |              | H            | +         |          | $\vdash$     | +-       | +        |          | ╁         | +        | _        |
|             | 86             | $\dagger$   | _            | t            | †         |          | +            | +        | +        |          | $\vdash$  | +        |          |
|             | 86<br>87       | 7   |              | 1            | $\dagger$ | _        | T            | +        | $\dashv$ |          |           | †        | _        |
| L           | 88             | ╛   | _            | Γ            | 1         |          |              | T        | 1        |          | Γ         | Ť        | _        |
|             | 89             | T   |              |              | Ť         |          |              | 1        | ╗        |          |           | T        |          |
|             | 90             |   |              |              | Ι         | _        |              | Ι        | T        |          |           | T        | _        |
|             | 91             | $\perp \!\!\! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ | _            | Ĺ            | $\int$    |          |              | I        | I        |          |           | Γ        |          |
|             | 92             | _   |              | L            | 1         |          |              | Ĺ        | $\perp$  |          |           | Ĺ        |          |
|             | 93             | 4   | _            |              | 1         | _        | _            | 1        | 4        | _        |           | Ļ        | _        |
|             | 94             | 4   |              | _            | +         | _        | _            | $\perp$  | 4        |          |           | L        | _        |
|             | 95             | +   | -            | _            | +         | _        | _            | ╀        | 4        | _        |           | Ļ        | 4        |
|             | 96<br>97       | +   | 4            |              | +         | _        |              | $\vdash$ | +        | -        |           | 1        | 4        |
|             | 97<br>98       | +   | $\dashv$     |              | +         | -        |              | ╀        | +        | $\dashv$ |           | +        | 4        |
|             | 99             | +   | $\dashv$     |              | +         | -        |              | +        | +        | 4        |           | $\vdash$ | $\dashv$ |
|             | 00             | +   | +            |              | ╁         | $\dashv$ |              | +        | ╫        | $\dashv$ | _         | ├        | $\dashv$ |

| Claim         |                          | T  | _        | _ | _        |   |          |   | 1 | Da           | at a |          |    |          | _  | - |          | - |
|---------------|--------------------------|--|----------|---|----------|---|----------|---|---|--------------|------|----------|----|----------|----|---|----------|---|
| -             | i i                      | $\dagger$                                    | _        | ī |          | 1 |          | Τ | _ | ŕ            | -    | Ť        | Т  | _        | T  | _ | Γ-       | _ |
| =             | Original                 | -  |          |   |          | ļ |          | ĺ |   | l            |      |          | 1  |          | l  |   |          |   |
| Final         | <u>;</u> <u></u>         |  |          | l |          |   |          |   |   |              | i    |          | 1  |          |    |   |          |   |
| "             | Ιō                       | ļ  |          | l |          |   |          | ĺ |   | ļ            |      |          | 1  |          |    |   | l        |   |
| <u> </u>      |                          | 4  |          | L | _        | L |          | L | _ | L            | _    | _        | 4  | _        | L  |   |          |   |
| L             | 101                      | 4  |          | L | _        | L |          |   |   | L            | ╛    |          | 1  |          | L  |   |          |   |
|               | 102<br>103               | <u>:                                    </u> |          | L |          | L | _        |   |   |              |      |          |    |          |    |   |          |   |
|               | 103                      | 1  |          |   |          | L |          |   |   |              |      |          | 1  |          | Γ  |   |          |   |
|               | 104                      | $\cdot \Gamma$                               |          | Γ |          | ľ |          | Г |   | Г            | П    |          | T  |          | Γ  |   |          | 1 |
|               | 105                      | Т  |          | Γ |          | Г |          |   |   |              |      |          | Τ  |          | Г  |   |          |   |
|               | 106                      | Т  |          | Γ |          | Г |          |   |   |              | ٦    |          | T  |          |    | 7 |          | 1 |
|               | 107                      | T  | _        | 1 |          | _ | 7        |   |   | _            | 7    |          | †  |          | Т  | 7 | _        | 1 |
|               | 108                      | T  |          | Г |          | Г | ╛        |   | ┪ | _            | 7    | _        | Ť  |          | _  | ┪ |          | 1 |
|               | 109                      | †  |          | T | _        |   | 7        | _ | 7 |              | †    |          | t  |          | _  | 1 |          | 1 |
|               | 110                      | +  |          | H | ٦        |   | 1        | _ | ┪ |              | +    |          | †  | -        |    | + |          | t |
|               | 111                      | t  | _        |   |          |   | +        | - | 7 |              | +    |          | ✝  | -        |    | + |          | ſ |
|               | 111<br>112               | t  |          | _ | ┪        |   | +        |   | + |              | +    |          | +  | $\dashv$ | _  | + | -        | 1 |
|               | 112                      | ╁  | $\dashv$ | _ | ۲        |   | +        |   | + |              | +    |          | ╁╴ | ┥        | _  | + |          | 1 |
|               | 113<br>114<br>115        | ╁  | -        | _ | $\dashv$ |   | $\dashv$ |   | + |              | +    |          | ╁  |          |    | + |          | 1 |
|               | 114                      | +  | ┥        | _ | $\dashv$ |   | +        | _ | + | _            | +    |          | ╀  | 4        |    | + |          | ł |
|               | 115                      | ╁  | 4        |   | +        |   | +        |   | + |              | +    |          | ╀╌ | 4        |    | 4 |          | ļ |
|               | 116<br>117               | ╀  |          | _ | 4        |   | 4        |   | 4 |              | 1    |          | ╀  | 4        |    | 4 |          | ļ |
|               | 111/                     | ╀  | -        | _ | 4        | _ | 4        |   | 4 |              | 1    |          | Ļ  | 4        |    | 4 |          | l |
| _             | 118                      | ╄  | 4        |   | 4        |   | 4        |   | 4 |              | 4    | _        | L  | 4        | _  | 1 | _        | l |
|               | 119<br>120<br>121        | L  | 4        | _ | 4        | _ | 1        | _ | 1 |              | 1    |          | L  | $\perp$  |    | 1 |          | l |
|               | 120                      | L  | 4        | _ | 4        |   | 1        |   | 1 |              | 1    |          | L  | 1        |    | 1 |          |   |
|               | 121                      | L  | 1        |   | ┙        |   | 1        | _ | 1 |              | L    |          |    |          |    | 1 |          | l |
|               | 122<br>123<br>124        |  |          |   | 1        |   | Ĺ        |   | 1 |              | Ĺ    |          | L  |          |    |   |          |   |
|               | 123                      |  |          |   |          |   |          |   | Ī |              | Γ    |          |    | Т        |    | T | _1       |   |
|               | 124                      | L  |          |   |          |   | I        |   | T |              | Γ    |          |    | Ţ        |    | Τ |          | l |
|               | 125                      |  | Т        |   | Ţ        |   | T        |   | T |              | Γ    |          |    | T        |    | Т |          |   |
|               | 126                      | Γ  | T        |   | T        |   | T        |   | T |              | Г    |          |    | 1        |    | T | ٦        |   |
|               | 127                      |  | Ţ        |   | T        |   | Τ        |   | T |              | T    |          |    | 1        |    | T | $\neg$   |   |
|               | 125<br>126<br>127<br>128 |  | T        |   | T        |   | T        |   | T |              | T    |          |    | Ť        |    | T |          |   |
|               | 1 129                    |  | T        |   | Ť        | _ | T        |   | T |              | T    |          |    | 1        |    | Ť | 7        |   |
|               | 130<br>131               |  | †        |   | †        |   | t        |   | t | _            | f    | ┪        |    | +        | _  | t | ٦        |   |
|               | 131                      |  | Ť        | _ | Ť        |   | t        |   | t | _            | T    | $\dashv$ |    | Ť        | _  | t | ᅥ        |   |
|               | 132                      |  | †        | _ | t        |   | t        | _ | t |              | H    | ┪        |    | +        | _  | t | 7        |   |
| _             | 133                      | _  | †        |   | t        | _ | t        |   | t |              | H    | ┪        |    | +        | _  | t | ᅥ        |   |
| $\neg$        | 134                      |  | t        |   | +        | _ | t        | _ | t | _            | H    | +        |    | +-       |    | H | ┪        |   |
|               | 135                      | -  | t        | _ | t        | - | t        | - | t |              | H    | ┪        |    | ╁        | _  | ┝ | $\dashv$ |   |
|               | 136                      |  | t        | - | t        |   | ۲        |   | H | -            | ┝    | Ŧ        |    | ╀        | -  | ┝ | ┥        |   |
| -+            | 136<br>137<br>138        |  | $^{+}$   | _ | ╁        | _ | ┝        | - | ┝ | -            | -    | +        |    | ╀        | _  | H | $\dashv$ |   |
| —†            | 138                      | -  | ╁        |   | t        |   | H        |   | ┝ | -            |      | +        |    | ╀        | _  | ┝ | 4        |   |
|               | 139                      | -  | +        |   | ╁        | _ | ┝        |   | H | -            | -    | +        |    | ╀        | -  | ┝ | $\dashv$ |   |
| -+            | 140                      |  | ╁        | _ | ╀        |   | ┝        | - | ┝ | $\dashv$     | _    | +        |    | ╁        | -  | H | $\dashv$ |   |
| $\rightarrow$ |                          | _  | ╀        | _ | ┝        | _ | ┝        | _ | H | 4            | _    | +        |    | ╀        | _  | _ | 4        |   |
|               | 141                      |  | ╀        | _ | ╀        | 4 | ┝        | _ | L | 4            |      | 4        |    | +-       | Н  |   | 4        |   |
|               | 142                      |  | ╀        | _ | $\vdash$ | - | L        | 4 | L | 4            | _    | +        |    | ╀        | 4  | _ | $\dashv$ |   |
| <b>-</b> -∤   | 143                      |  | H        |   | $\vdash$ | 4 | -        | 4 | _ | 4            |      | +        |    | 1        | 4  |   | 4        |   |
|               | 144                      |  | Ļ        |   | $\vdash$ | 4 | L        | 4 | _ | 4            |      | 4        | _  | $\vdash$ | _  |   | 4        |   |
|               | 145                      |  | 1        | _ | Ļ        | _ |          | 4 |   | 4            | _    | 4        |    | L        | 4  |   | 1        |   |
| $\rightarrow$ | 146                      |  | L        |   | L        | ↲ | _        | ↲ | _ | 4            | _    | ⊥        |    | L        | Ц  | _ | _        |   |
|               | 147                      |  | L        | _ | L        | _ |          | ⅃ | _ | $\downarrow$ | _    | ┸        |    | L        | 1  | _ | 1        |   |
|               | 148                      |  | L        |   | L        | 1 |          | 1 | _ | 1            |      | 1        |    | L        | ⅃  | _ | ╛        |   |
|               | 149                      |  | L        |   | L        |   | _        |   |   | _[           | _    |          |    | Ĺ        | _[ | _ |          |   |
|               | 150                      |  | ] _      | 1 |          | T | _        | Ī | _ | T            |      | T        |    |          | T  | _ | 7        |   |